

Complete and send this form, together with applicable fee(s), to: MailMail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed wh appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

28436 7590 11/17/2004

IP CREATORS
P. O. BOX 2789
CUPERTINO, CA 95015
02/18/2005 MBERHE1 00000030 0977925601 FC:2501 700.00 DP
02 FC:8001 30.00 DP

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the Un States Postal Service with sufficient postage for first class mail in an envel addressed to the Mail Stop ISSUE FEE address above, or being facsim transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's na
(Signat
(D

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/779,256	02/07/2001	Behrooz Rezvani	VELCP006C	1433

TITLE OF INVENTION: METHOD AND APPARATUS FOR PREDISTORTION OF AN X-DSL LINE DRIVER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$685	\$0	\$685	02/17/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
AHN, SAM K	2637	375-222000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 IP Creators
- 2 Charles C Cary
- 3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Ikanos Communication, Inc.
Recorded: 6/18/2001

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Fremont, California U.S.

Please check the appropriate assignee category or categories (will not be printed on the patent):

Individual ☐ Corporation or other private group entity ☒ Governm

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 50-1338 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other part interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date FEBRUARY 16, 2005

Typed or printed name Charles C Cary

Registration No. 36,764

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proc an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/779,256
Filing Date	02/07/2001
First Named Inventor	Behrooz REZVANI
Group Art Unit	2637
Examiner Name	AHN, SAM K.
Attorney Docket Number	VELCP006C

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
- ☒ Fee Attached
- ☐ Amendment / Reply
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
 - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers # (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition #
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☒ Return Receipt Postcard

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):
 - 1-Check of \$730.00
 - 2-Issue Fee Submission Letter
 - 3-PART B-Fee Transmittal

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

IP Creators

Signature

Charles C. Cary Reg. #: 36,764

Date

February 16, 2005

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name

Charles C. Cary

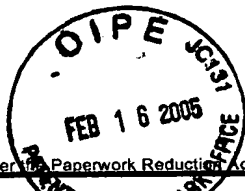
Signature

Date

February 16, 2005

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

ED256490226US



FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 730

Complete if Known

Application Number	09/779,256
Filing Date	02/07/2001
First Named Inventor	Behrooz REZVANI
Examiner Name	AHN, SAM K.
Group Art Unit	2637
Attorney Docket No.	VELCP006C

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-1338
Deposit Account Name: IP Creators

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES

Total Claims: -20 = -20 x = \$0
Independent Claims: -3 = -3 x = \$44
Multiple Dependent Claims: = \$0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	\$0
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	\$0
1053 130	1053 130	Non-English specification	\$0
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	\$0
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	\$0
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	\$0
1251 110	2251 55	Extension for reply within first month	\$0
1252 410	2252 205	Extension for reply within second month	\$0
1253 930	2253 465	Extension for reply within third month	\$0
1254 1,450	2254 725	Extension for reply within fourth month	\$0
1255 1,970	2255 985	Extension for reply within fifth month	\$0
1401 320	2401 160	Notice of Appeal	\$0
1402 320	2402 160	Filing a brief in support of an appeal	\$0
1403 280	2403 140	Request for oral hearing	\$0
1451 1,510	1451 1,510	Petition to institute a public use proceeding	\$0
1452 110	2452 55	Petition to revive - unavoidable	\$0
1453 1,300	2453 650	Petition to revive - unintentional	\$700
1501 1,300	2501 650	Utility issue fee (or reissue)	\$0
1502 470	2502 235	Design issue fee	\$0
1503 630	2503 315	Plant issue fee	\$0
1504 300		Pfublication Fee	\$0
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	\$0
1806 180	1806 180	Submission of Information Disclosure Stmt	\$0
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	\$0
1809 750	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))	\$0
1810 750	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))	\$0
1801 750	2801 375	Request for Continued Examination (RCE)	\$0
1802 900	1802 900	Request for expedited examination of a design application	\$0
Other fee (specify)	10 Printed copies of Patent @ \$3.00		\$30

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 730

SUBMITTED BY

Name (Print/Type)

Charles C. Cary

Signature

Registration No.
(Attorney/Agent)

36,764

Complete (if applicable)

Telephone

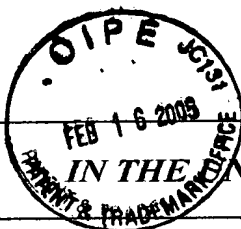
(408) 850-9585

Date

Feb 16, 2005

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Behrooz REZVANI et al.

Attorney Docket No.: VELCP006C

Application No.: 09/779,256

Examiner: AHN, SAM K.

Filed: 02/07/2001

Group: 2637 Class-Sub: 375-222000

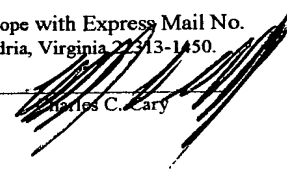
Title: METHOD AND APPARATUS FOR
PREDISTORTION OF AN X-DSL LINE DRIVER

CERTIFICATE OF MAILING

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Date: February 16, 2005

Signed: _____


Charles C. Cary

SUBMISSION OF THE ISSUE FEE

Mail Stop ISSUE FEE
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This communication is in response to PTOL-37 attached to the November 17, 2004 Notice of Allowance and Issue Fee Due for the above referenced design patent application. Enclosed please find:

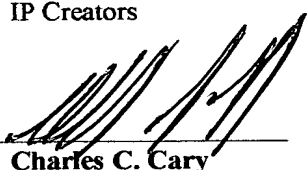
- Part B Fees Transmittal
- Check for \$730.00 for the Issue Fee payment as a Small Entity and for 10 printed copies

Thank you for your assistance in this matter. Do not hesitate to contact the undersigned as indicated below should you have any questions regarding this matter.

Respectfully submitted,
IP Creators

Date: February 16, 2005

Signed: _____


Charles C. Cary
Registration No. 36,764

IP Creators
P. O. Box 2789
Cupertino, CA 95015